

Form PTO-1449 (modified)

List of Patents and Publications for Applicants

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
CLFR:177USD1Serial No.
10/644,418Applicant
Bob G. Sanders *et al.*Filing Date:
August 20, 2003Group:
1614U.S. Patent Documents
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
LCM	C9	Burke <i>et al.</i> , "Effects of topical and oral vitamin E on pigmentation and skin cancer induced by ultraviolet irradiation in Skh:2 hairless mice," <i>Nutrition and Cancer</i> , 38(1):87-97, 2000.
LCM	C10	Fabiani <i>et al.</i> , "Antioxidants prevent the lymphocyte DNA damage induced by PMA-stimulated monocytes," <i>Nutrition and Cancer</i> , 39(2):284-291, 2001.
LCM	C11	Helzlsouer <i>et al.</i> , "Association between α -tocopherol, γ -tocopherol, selenium, and subsequent prostate cancer," <i>J Nat Cancer Inst</i> , 92(24):2018-2023, 2000.
LCM	C12	Jiang <i>et al.</i> , " γ -tocopherol, the major form of vitamin E in the US diet, deserves more attention," <i>Am J Clin Nutr</i> , 74:714-722, 2001.
LCM	C13	Kakizaki <i>et al.</i> , "Effect of a α -tocopherol on hepatocarcinogenesis in transforming growth factor- α (TGF- α) transgenic mice treated with diethylnitrosamine," <i>Int J Vitam Nutr Res</i> , 71(5):261-267, 2001.
LCM	C14	Malvy <i>et al.</i> , "Effect of two years' supplementation with natural antioxidants on vitamin and trace elements status biomarkers: preliminary data of the SU.VI.MAX study," <i>Cancer Detection and Prevention</i> , 25(5):479-485, 2001.
LCM	C15	Neuzil <i>et al.</i> , "Vitamin E analogues as inducers of apoptosis: implications for their potential antineoplastic role," <i>Redox Report</i> , 6(3):143-151, 2001.
LCM	C16	Schwartz, "Directed lysis of experimental cancer by β -carotene in liposomes," <i>Nutrition and Cancer</i> , 16:107-124, 1991.

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EXAMINER: Leigh C. Maier

DATE CONSIDERED: 10/26/06

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
LCM	C17	Schwartz, "The administration of beta carotene to prevent and regress oral carcinoma in the hamster cheek pouch and the associated enhancement of the immune response," <i>Adv Exp Med Biol</i> , 262:77-93, 1990.
LCM	C18	Schwartz, "The effect of cartenoids on the antitumor immune response tin vivo and invitro with hamster and mouse immune effectors," <i>Annals New York Academy of Sciences</i> , 587:92-109, 1990.
LCM	C19	Werninghaus <i>et al.</i> , "Protective effect of alpha-tocopherol in carrier liposomes on ultraviolet-mediated human epidermal cell damage in vitro," <i>Photodermatol Photoimmunol Photomed</i> , 8(6):236-242, 1991.

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EXAMINER: Leigh C. Maier	DATE CONSIDERED: 10/26/86
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Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
LCM	B18	JP1997301969A	11/25/97	Japan			Yes
LCM	B19	WO 00/16772	03/30/00	WIPO			English
LCM	B20	WO 03/039461	05/15/03	WIPO			English

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
LCM	C20	Brown <i>et al.</i> , "Novel heteroarotinoids as potential antagonists of mycobacterium bovis BCG," <i>J. Med. Chem.</i> , 47:1008-1017, 2004.

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
LCM	A1	3,869,477	3/4/75	Shindo <i>et al.</i>	260	345.5	1/30/73
LCM	A2	4,181,725	1/1/80	Voorhees <i>et al.</i>	424	258	5/2/77
LCM	A3	4,320,141	3/16/82	Komatsu <i>et al.</i>	424	284	12/14/78
LCM	A4	4,457,918	7/3/84	Holick <i>et al.</i>	424	180	5/12/82
LCM	A5	4,617,317	10/14/86	Bennet	514	458	10/31/84
LCM	A6	4,645,845	2/24/87	Gehrken <i>et al.</i>	549	407	3/12/84
LCM	A7	4,665,204	5/12/87	Wirth	549	410	6/27/85
LCM	A8	4,873,088	10/10/89	Mayhew <i>et al.</i>	424	450	7/13/87
LCM	A9	4,895,719	1/23/90	Radhakrishnan <i>et al.</i>	424	45	3/6/87
LCM	A10	5,114,957	5/19/92	Hendler <i>et al.</i>	514	356	5/8/90
LCM	A11	5,135,945	8/4/92	Robinson <i>et al.</i>	514	456	6/5/91
LCM	A12	5,260,294	11/9/93	Walser	514	230	5/27/92
LCM	A13	5,315,017	5/24/94	Le Baut <i>et al.</i>	549	408	5/1/92
LCM	A14	5,393,775	2/28/95	Le Baut <i>et al.</i>	514	456	9/7/93
LCM	A15	5,403,834	4/4/95	Malfroy-Camine <i>et al.</i>	514	135	12/7/92
LCM	A16	5,545,660	8/13/96	Grisar <i>et al.</i>	514	458	3/12/93
LCM	A17	5,610,180	3/11/97	Fariss	514	458	8/8/94
LCM	A18	5,650,404	7/22/97	Ogata <i>et al.</i>	514	100	7/18/95
LCM	A19	5,747,162	5/5/98	Temple <i>et al.</i>	428	395	2/7/97
LCM	A20	5,827,878	10/27/98	Makishima <i>et al.</i>	514	458	6/27/97
LCM	A21	5,917,060	6/29/99	Rosenau <i>et al.</i>	549	408	12/17/97
LCM	A22	5,919,818	7/6/99	Lane <i>et al.</i>	514	458	12/16/97
LCM	A23	5,990,322	11/23/99	Lee <i>et al.</i>	549	410	3/9/99

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LCM	A24	6,022,560	2/8/00	Yazdi <i>et al.</i>	424	450	6/8/98
LCM	A25	6,127,382	10/3/00	Beard <i>et al.</i>	514	311	8/16/99
LCM	A26	6,133,312	10/17/00	Elson	514	458	10/17/00
LCM	A27	6,417,223	7/9/02	Sanders <i>et al.</i>	514	456	9/23/99
LCM	A28	6,645,998	11/11/03	Sanders <i>et al.</i>	514	456	4/12/02
LCM	A29	6,770,672	8/3/04	Sanders <i>et al.</i>	514	458	2/1/00
LCM	A30	2003/0236301	12/25/03	Sanders <i>et al.</i>	514	458	12/19/02
LCM	A31	2004/0097431	5/20/04	Sanders <i>et al.</i>	514	27	10/28/03

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LCM	B1	DE 4304303	8/18/04	Germany	---	---	Abstract
LCM	B2	EP 0436911	7/17/90	Europe	---	---	English
LCM	B3	EP 0506048	9/30/92	Europe	---	---	English
LCM	B4	EP 0636618	2/01/95	Europe	---	---	Abstract
LCM	B5	EP 0751125	1/02/97	Europe	---	---	Abstract
LCM	B6	EP 0754458	2/22/97	Europe	---	---	English
LCM	B7	EP 0768314	4/16/97	Europe	---	---	English
LCM	B8	JP 01041727	2/14/89	Japan	---	---	Abstract
LCM	B9	JP 04229269	8/18/92	Japan	---	---	Abstract
LCM	B10	JP 55076871	6/10/80	Japan	---	---	Abstract
LCM	B11	JP 63303049	12/9/88	Japan	---	---	Abstract
LCM	B12	JP 9301969	11/25/97	Japan	---	---	Abstract

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LCM	B14	WO 01/58889	8/16/01	WIPO			English
LCM	B15	WO 97/41852	11/13/97	WIPO			English
LCM	B16	WO 98/17246	4/30/98	WIPO			English
LCM	B17	WO 99/24417	5/20/99	WIPO			English

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Exam. Init.	Ref. Des.	Citation
LCM	C1	Arya <i>et al.</i> , "Design and synthesis of analogs of vitamin E: antiproliferative activity against human breast adenocarcinoma cells," <i>Bioorg. Med. Chem. Lett.</i> , 8:2433-2438, 1998.
LCM	C2	Djuric <i>et al.</i> , "Growth inhibition of MCF-7 and MCF-10A human breast cells by alpha-tocopheryl hemisuccinate, cholesteryl hemisuccinate and their ether analogs," <i>Cancer Lett.</i> , 111:133-139, 1997.
LCM	C3	Fariss <i>et al.</i> , "The selective antiproliferative effects of alpha-tocopheryl hemisuccinate and cholesteryl hemisuccinate on murine leukemia cells result from the action of the intact compounds," <i>Cancer Res.</i> , 54:3346-3351, 1994.
LCM	C4	Koyama <i>et al.</i> , "Synthesis of fluorine analogues of vitamin E. II. Synthesis of 2-(3-chloro-2,4,6-trimethyl-5,7-dimethoxyphenyl)-6-chromanol and its application for stereocontrolled Wittig reaction with trialkylmethyl ketones," <i>Chem. Pharm. Bull.</i> , 36:2950-2954, 1988.
LCM	C5	Prasad <i>et al.</i> , "Effects of tocopherol (vitamin E) acid succinate on morphological alterations and growth inhibition in melanoma cells in culture," <i>Cancer Res.</i> , 42:550-555, 1982.
LCM	C6	Urano <i>et al.</i> , "Synthesis of dl- α -tocopherol and dl- α -tocotrienol," <i>Chem. Pharm. Bull.</i> , 31:4341-4345, 1983.
LCM	C7	Welch <i>et al.</i> , "Syntheses and activities of antioxidant derivatives of retinoic acids," <i>J. Med. Chem.</i> , 25:81-84, 1981.
LCM	C8	Will <i>et al.</i> , "Attachment of vitamin E derivatives to oligonucleotides during solid-phase synthesis," <i>Tetrahedron Lett.</i> 33:2729-2732, 1992.

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